

Multi Layer Ceramic Capacitor (MLCC)



1. Model : CL05A225MQ5NSNC

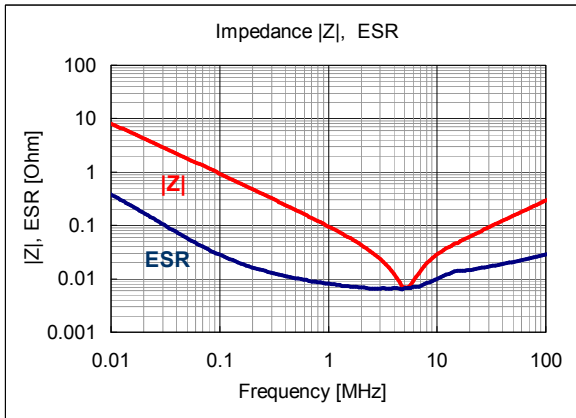
2. Description

Part no.	Size (inch(mm))	Thickness (mm)	Temperature characteristics	Capacitance value(uF)	Capacitance tolerance(%)	Voltage (V)
CL05A225MQ5NSNC	0402/1005	0.5mm	X5R	2.2uF	± 20 %	6.3

3. Characteristics data

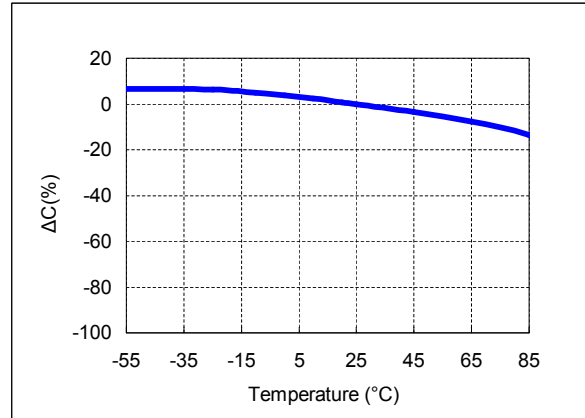
1) Frequency characteristics

Agilent E4294A, 0.5Vrms, 1kHz to 100MHz

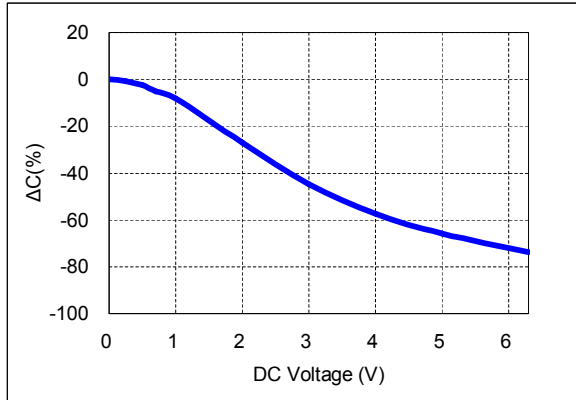


2) Temperature characteristics of capacitance(TCC)

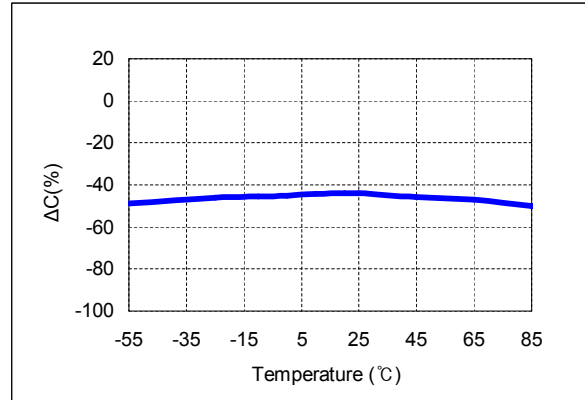
Agilent 4284A, 1kHz, 0.5Vrms



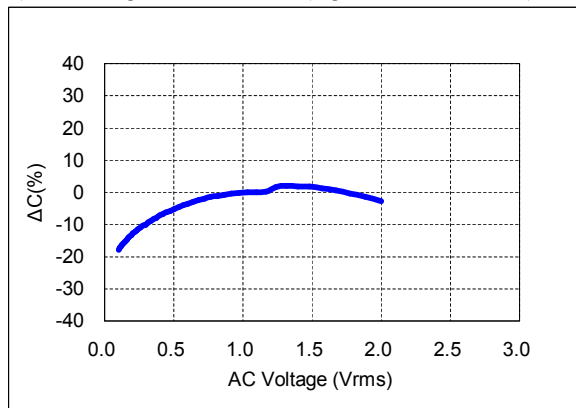
3) DC Bias characteristics (Agilent 4284A, 1kHz, 0.5Vr



4) Bias TCC characteristics (Agilent 4284A, 1kHz, 0.5Vrms, 3.15Vdc)



5) AC voltage characteristics (Agilent 4284A, 1kHz)



6) Ripple Current

